

C.I.P.S.

TECHNICAL REPORT

MODELE MATHEMATIQUE DE LA
POLLUTION EN MER DU NORD

1974/BIOL.07

This paper not to be cited without prior reference to the author

Primary production in the Southern Bight of the North Sea .
Continuation of 1974 results .

by J. Nijs and J.P.Mommaerts , Lab.v.Ekologie en Systematiek
V.U.B.

110674 16

GROSS P.OPT(MG C/M3/H)	1.91	2.63	4.49
DARK FIXATION .19			
RATIO NET/NANNO 1.14			
INT.GROSS P. NOT COMPUTABLE			
107 17 4.79 1.92			

110674 20

GROSS P.OPT(MG C/M3/H)	4.2	5.76	9.83
DARK FIXATION .14			
RATIO NET/NANNO 2.77			
INT.GROSS P. NOT COMPUTABLE			
107 17 4.79 1.92			

90974 9

GROSS P.OPT(MG C/M3/H)	1.63	2.24	3.83
DARK FIXATION .22			
RATIO NET/NANNO .42			
INT.GROSS P. NOT COMPUTABLE			
54 13 3.42 1.31			

90974 55

GROSS P.OPT(MG C/M3/H)	3.13	4.28	7.32
DARK FIXATION .15			
RATIO NET/NANNO .65			
INT.GROSS P. NOT COMPUTABLE			
54 13 3.42 1.31			

21074 16

GROSS P.OPT(MG C/M3/H)	1.74	2.39	4.08
DARK FIXATION .18			
RATIO NET/NANNO .01			
INT.GROSS P(MG C/M2/D)	22	30	52
EXT.COEFF 1.34			
DAILY IRRAD. 247			
43 11 3 1.18 17 8			

31074 7

GROSS P.OPT(MG C/M3/H)	3.34	4.58	7.82
DARK FIXATION .56			
RATIO NET/NANNO .15			
INT.GROSS P(MG C/M2/D)	108	148	253
EXT.COEFF .53			
DAILY IRRAD. 247			
43 11 3 1.18 17 8			

31074 6

GROSS P.OPT(MG C/M3/H)	2.99	4.1	7.01
DARK FIXATION .43			
RATIO NET/NANNO .3			
INT.GROSS P(MG C/M2/D)	135	185	317
EXT.COEFF .38			
DAILY IRRAD. 247			
43 11 3 1.18 17 8			

221074 1

GROSS P.OPT(MG C/M3/H)	2.3	3.15	5.38
DARK FIXATION .33			
RATIO NET/NANNO 0			
INT.GROSS P(MG C/M2/D)	14	19	33
EXT.COEFF 2			
DAILY IRRAD. 144			
8H 10 3 1.14 12 4			

41174 1

GROSS P.OPT(MG C/M3/H)	4.78	6.55	11.18
DARK FIXATION .3			
RATIO NET/NANNO 0			
INT.GROSS P. NOT COMPUTABLE			
28 9 4 1.54			

41174 55

GROSS P.OPT(MG C/M3/H)	16.31	22.35	38.18
DARK FIXATION .44			
RATIO NET/NANNO .99			
INT.GROSS P. NOT COMPUTABLE			
28 9 4.79 1.92			

61174 9

GROSS P.OPT(MG C/M3/H)	6.23	8.53	14.57
DARK FIXATION 1.05			
RATIO NET/NANNO .81			
INT.GROSS P. NOT COMPUTABLE			
28 9 4.79 1.92			

181174 55

GROSS P.OPT(MG C/M3/H)	2.21	3.03	5.17
DARK FIXATION .18			
RATIO NET/NANNO 1.11			
INT.GROSS P(MG C/M2/D)	15	20	35
EXT.COEFF 1.79			
DAILY IRRAD. 75			
16 9 6 2.65 12 4			

201174 1

GROSS P.OPT(MG C/M3/H)	4.29	5.88	10.04
DARK FIXATION .01			
RATIO NET/NANNO .65			
INT.GROSS P(MG C/M2/D)	19	26	45
EXT.COEFF 2.69			
DAILY IRRAD. 75			
16 9 6 2.65 12 4			

41274 1

GROSS P.OPT(MG C/M3/H)
DARK FIXATION .41
RATIO NET/NANNO 1
INT.GROSS P. NOT COMPUTABLE
14 7 R 4.83

34

46.59

79.58

41274 55

GROSS P.OPT(MG C/M3/H)
DARK FIXATION 2.08
RATIO NET/NANNO .98
INT.GROSS P. NOT COMPUTABLE
14 7 R 4.23

23.85

32.68

55.82